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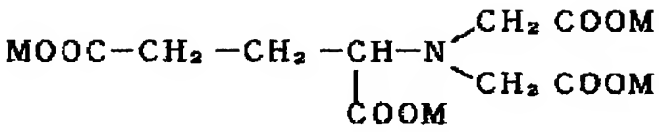
TITLE : DETERGENT COMPOSITION FOR AUTOMATIC DISHWASHER



ABSTRACT : PROBLEM TO BE SOLVED: To obtain a detergent composition being excellent in safety during handling and having a high detergency, an excellent finish of washing and excellent solution stability by selecting a composition essentially consisting of an alkali salt and a specified glutamic acid diacetate (salt) and having a specified pH in an aqueous solution.

SOLUTION: This alkali salt is a sodium hydroxide or the like and is contained in an amount of, desirably, 20-70 wt.% based on the entire composition. The pH of the solution is such that the pH of a 1 wt.% aqueous solution is 9-11 The glutamic acid diacetate is represented by the formula (wherein M is H, Na, K or an alkanolamine group) and is contained in an amount of 1-30 wt.% based on the entire composition. When the composition is used as a detergent for domestic use, it desirably takes the form of a solid such as a powder, particles, tablets, or a paste because of easy handleability. An example of a detergent for workshops has the following composition: 2-25 wt.% sodium glutamic acid diacetate, 5-30 wt.% sodium carbonate, 16-40 wt.% sodium bicarbonate, 0-4 wt.% sodium gluconate, 0.02 wt.% sodium polycarboxylate, 0-10 wt.% sodium metasilicate, and the balance of sodium sulfate.